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DEPARTMENT OF NATURAL RESOURCES

Division of Oil, Gas & Mining

MICHAEL R. STYLER
Executive Director

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Division Director

Inspection Report

Supervisor RTB

Minerals Regulatory Program

Date of Report: March 26, 2008

Mine Name: Marblehead Mtn (South Pit & Process Plant)

Permit number: M0450024

Operator Name: Chemical Lime Company of AZ

Inspection Date: March 25, 2008

Time: 11:00 am

Inspector(s): Leslie Heppler, Lynn Kunzler

Other Participants:

Mine Status: Inactive

Weather: Overcast

Elements of Inspection	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages / Erosion Control	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety)	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. Concurrent Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts, drill holes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Water Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Air Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Other	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Purpose of Inspection:

This was a routine inspection while in the area.

Inspection Summary:

This site is considered inactive (last activity was in 2006, removing stockpiled materials at the process area). Small stockpiles of material remain at the process area. The plant itself did not appear to have been operated for several years and evidence of vandalism was evident.

Historically, it appears that two separate quarries provided materials for this plant, and were part of the permit. Originally operated by Utah Marblehead. In the late 1980's the permit was split, with Utah Marblehead retaining ownership of the quarry to the North (M0450003). A search of the files did not identify that the quarry area to the east of the plant was ever separated from the plant.

The quarry area appeared to have been in a state of inactivity for several years, with the exception that recreationalists (ATV's have been using the site extensively). While access is gated through the plant sight, there is unrestricted access to the South Marblehead pit that joins the quarry access road just below the quarry. There is highwall (both wedge failures and toppling rockfall) stability issues that should be addressed.

The access road between the plant and the quarry is showing eroding with small gullies developing. This needs to be corrected.

Photos were taken to document site conditions.

Conclusions and Recommendations:

Access to the quarry area needs to be secured (blocked, gated, or ?) to prevent ATV access until the area is reclaimed. The access road between the plant and quarry needs to be maintained (or reclaimed along with the quarry area). If the plant is not going to be utilized in the near future, the operator should also consider reclaiming the plant site as well. The public safety is at risk related to some of the rockfall issues of the pit. Limiting access and rockfall devices (catchment berms, netting or ?) should be addressed.

The Operator needs to address these issues and provide the Division with a schedule, showing what will be done to correct these issues and a timeframe to complete the tasks.

Photos taken 03-25-08



Inspector's Signature

Jim Hyatt

Date:

March 26, 2008

LAH:pb

cc: Chemical Lime Company of AZ - Brett Wilson;
BLM - Salt Lake Office

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Resend 09-09-09